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Ink jet head control method for ink jet printer for high-speed printing

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Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19810849	A1	19990916	DE 1010849	A	19980313	199952 B
DE 19810849	C2	20000518	DE 1010849	A	19980313	200029
US 6273548	B1	20010814	US 99267841	A	19990312	200148

Priority Applications (No Type Date): DE 1010849 A 19980313

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19810849	A1		6	B41J-002/505	
DE 19810849	C2			B41J-002/505	
US 6273548	B1			B41J-002/15	

Abstract (Basic): DE 19810849 A1

NOVELTY - The ink jet ink jet head control method involves electronically dividing each of the angled ink jet rows into groups with a physical spacing between the ink jets in each electronically controlled group. The ink jet groups are operated in different sequences with a relative delay between them which is a fraction of a raster point.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a circuit for controlling the ink jets in an ink jet printer.

USE - The control method is used for controlling the ink jets in an ink jet printer head, e.g. a piezoelectric ink jet head.

ADVANTAGE - The method provides accurate printing of the individual dots provided by a large number of ink jets for providing high quality printing.

DESCRIPTION OF DRAWING(S) - The figure represents the operating sequence of the ink jet groups in a raster field.

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Title Terms: INK; JET; HEAD; CONTROL; METHOD; INK; JET; PRINT; HIGH; SPEED; PRINT

Derwent Class: P75; T04

International Patent Class (Main): B41J-002/15; B41J-002/505

File Segment: EPI; EngPI